

FIG. 1

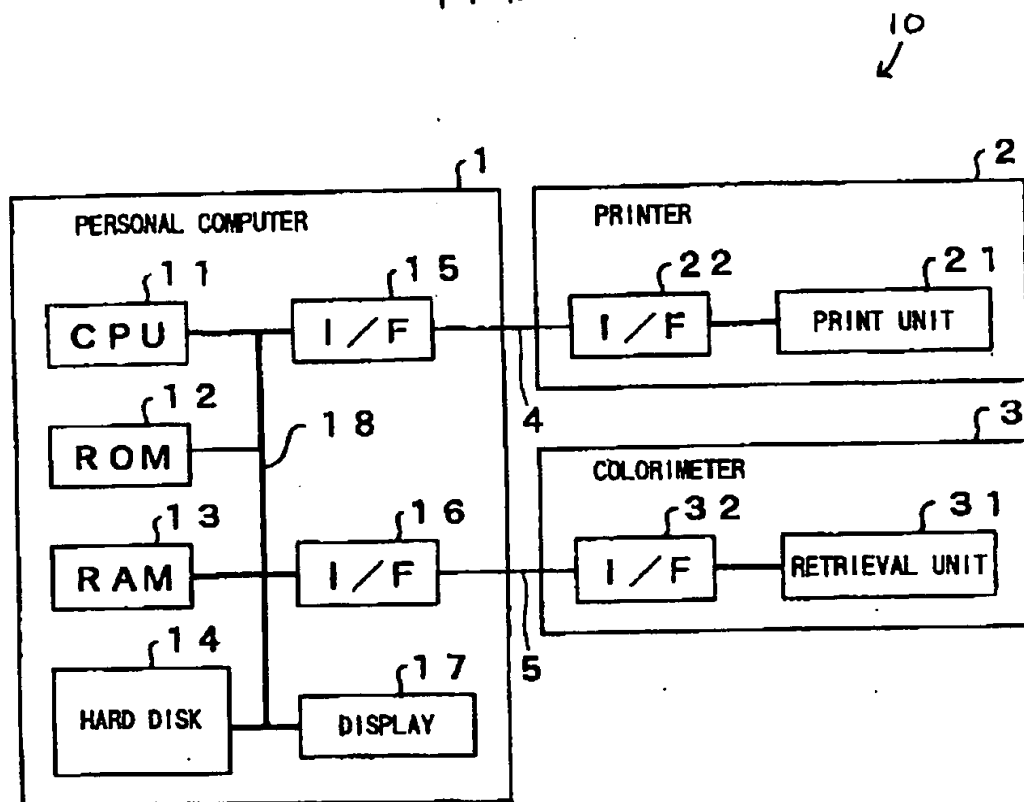
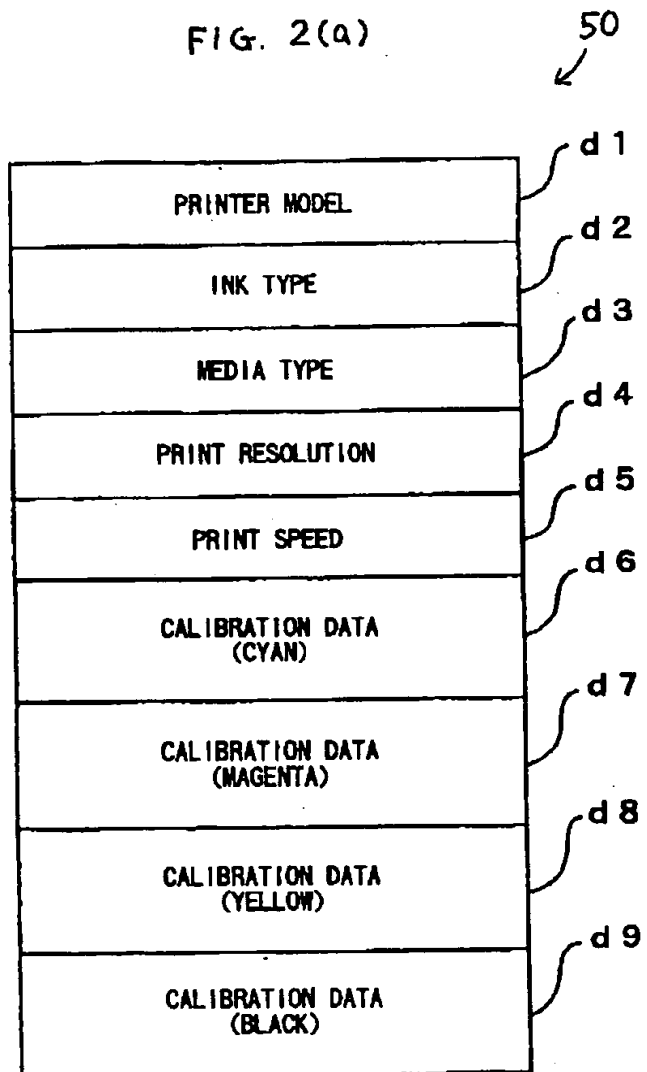


FIG. 2(a)



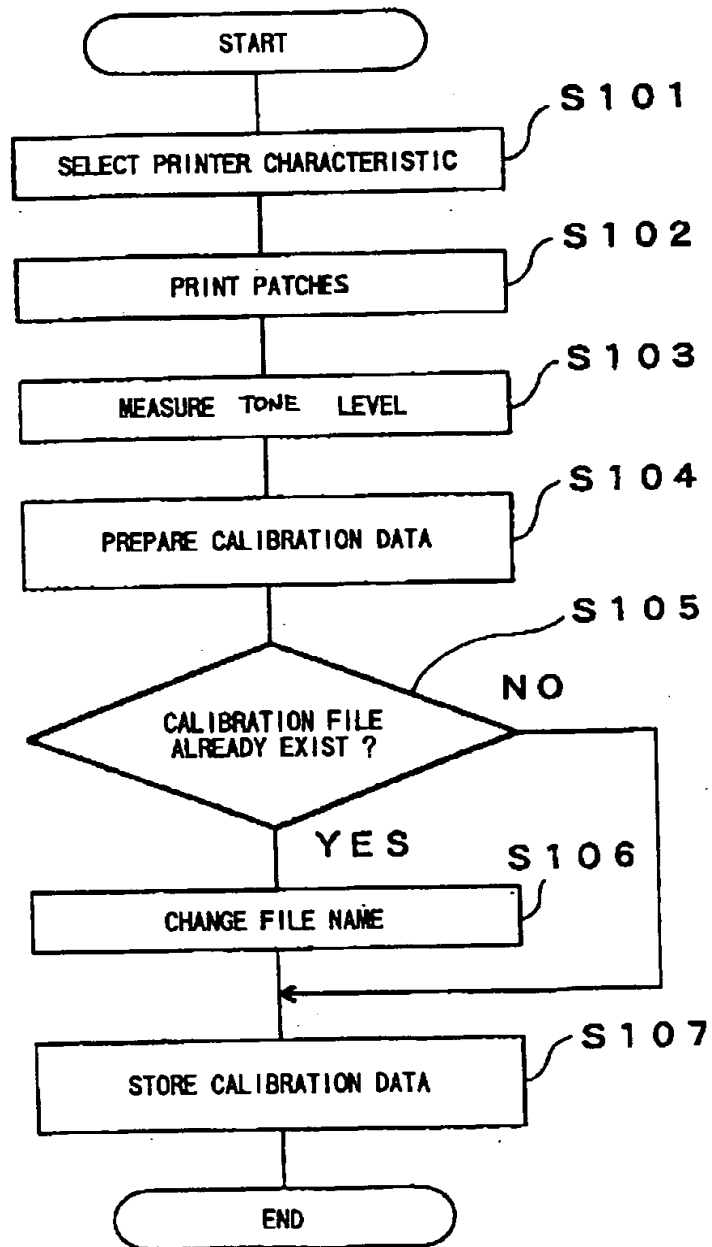
0042E0" B204E560

FIG. 2(b)

CALIBRATION DATA d6	
ORIGINAL LEVELS $C_{original}$	INPUT LEVELS C_{in}
0	:
{	:
2 5 5	:
CALIBRATION DATA d7	
ORIGINAL LEVELS $M_{original}$	INPUT LEVELS M_{in}
0	:
{	:
2 5 5	:
CALIBRATION DATA d8	
ORIGINAL LEVELS $Y_{original}$	INPUT LEVELS Y_{in}
0	:
{	:
2 5 5	:
CALIBRATION DATA d9	
ORIGINAL LEVELS $K_{original}$	INPUT LEVELS K_{in}
0	:
{	:
2 5 5	:

00120" 8204550

FIG. 3(a)



004220" 8204E560

FIG. 3(b)

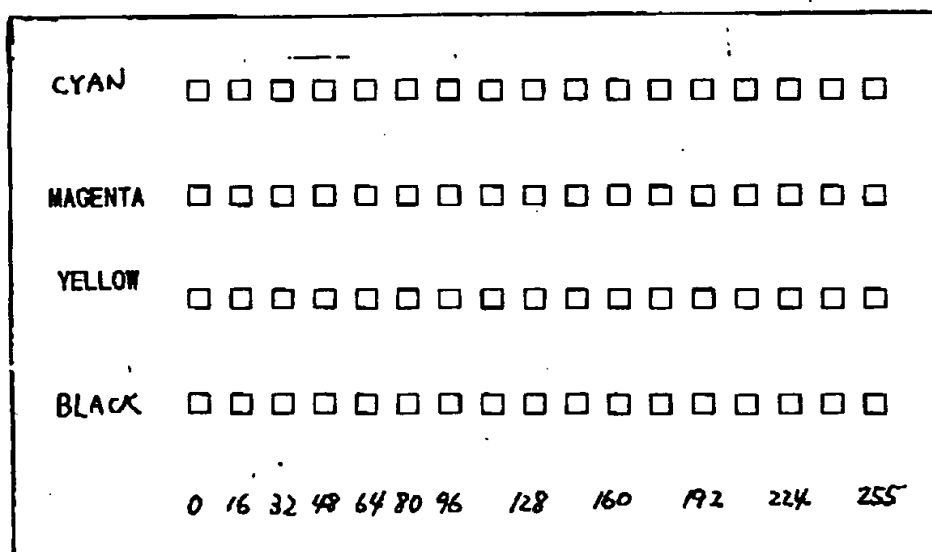
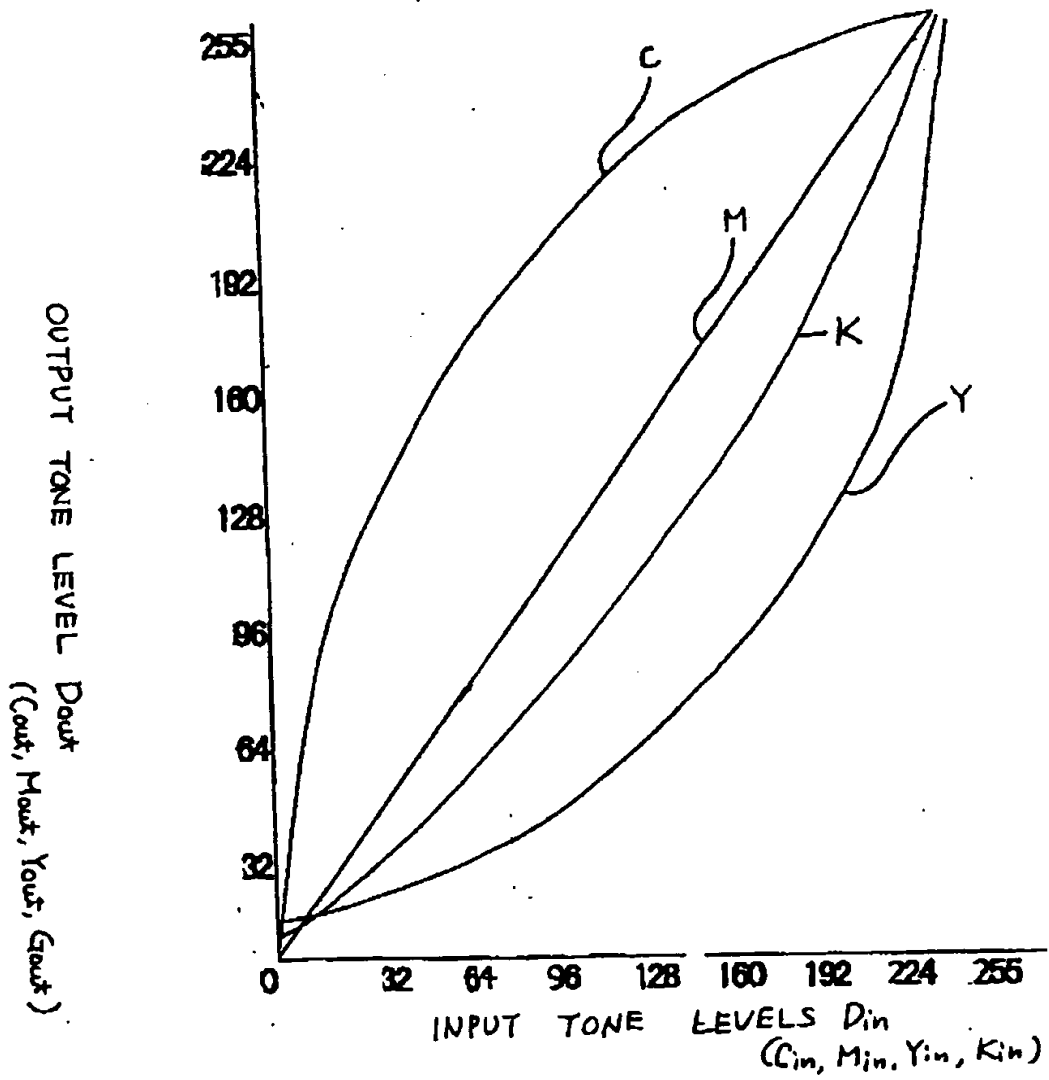


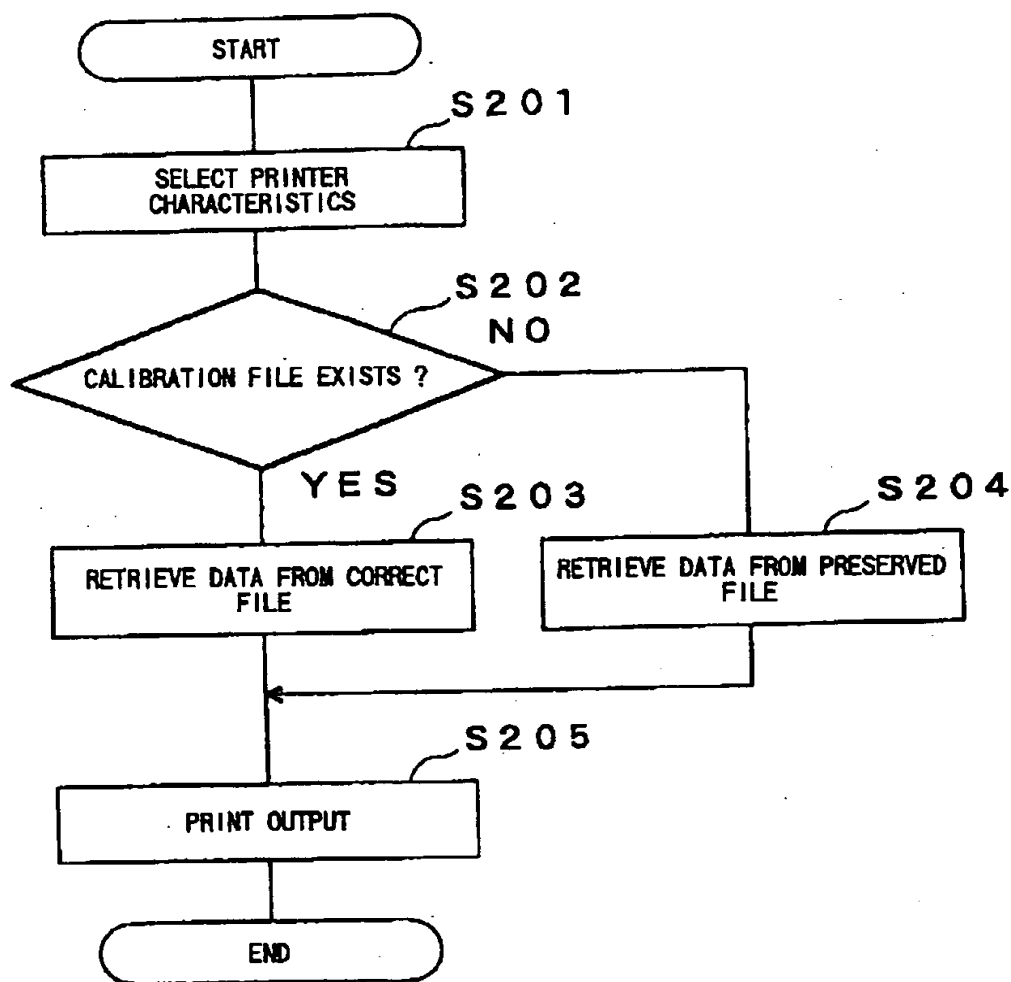
FIG. 3(c)



D_{in} - D_{out} RELATIONSHIP

09534028, 032410

FIG. 4



004220" 8204E60

FIG. 5

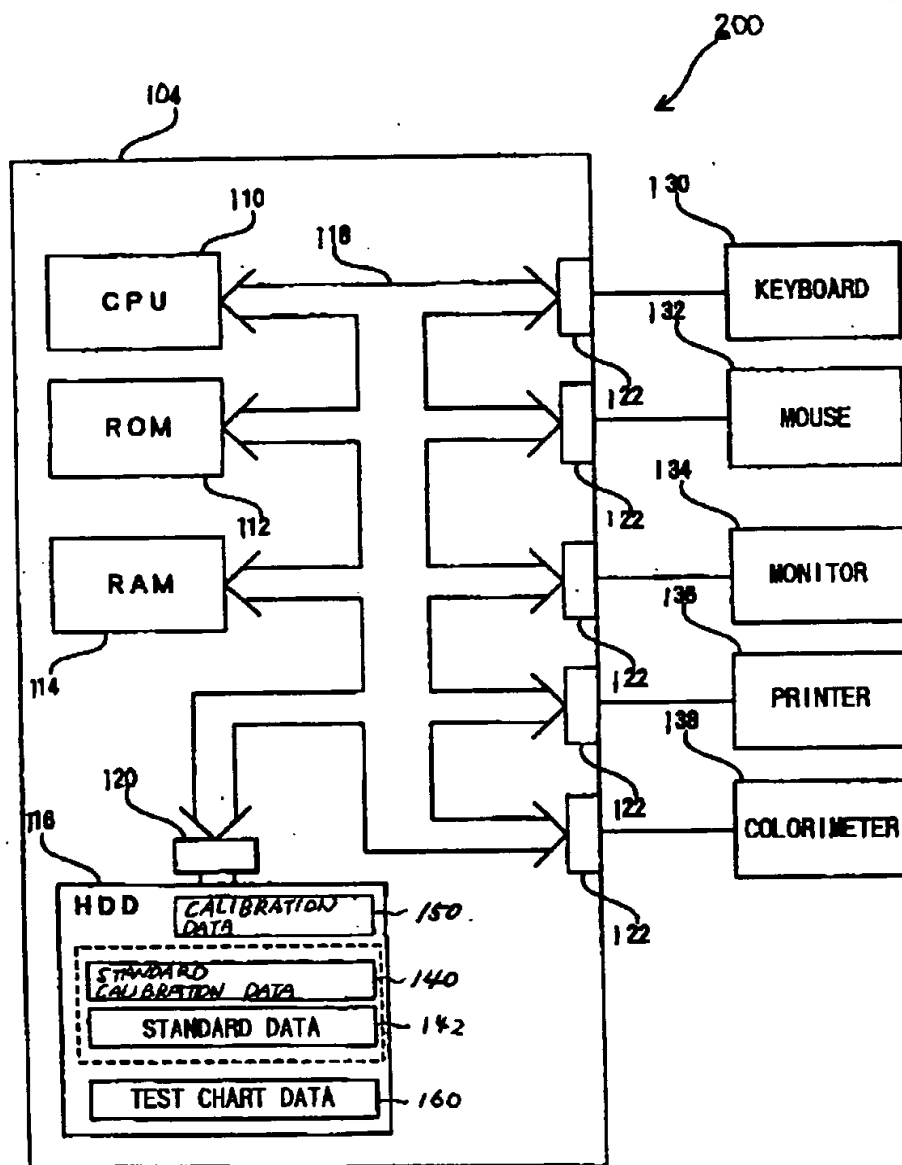
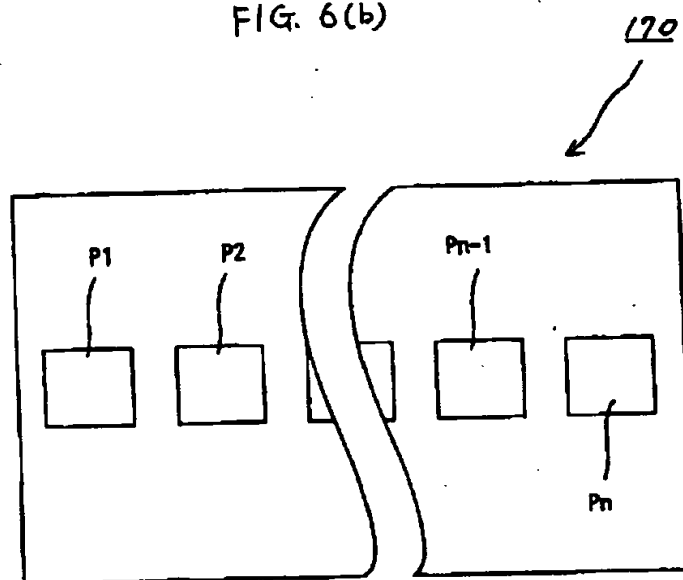


FIG. 6(a)

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PATCH NUMBER	NUMERICAL VALUES Rin (red)	NUMERICAL VALUES Gin (green)	NUMERICAL VALUES Bin (blue)	COLORMETER COLORMETER	...
P1	0			x_1, y_1	x_1, y_1
⋮	⋮	⋮	⋮	⋮	⋮
P(n/3)	255			$x_{n/3}, y_{n/3}$	$x_{n/3}, y_{n/3}$
PATCH NUMBER	NUMERICAL VALUES Gin (green)	NUMERICAL VALUES Bin (blue)	NUMERICAL VALUES Rin (red)	COLORMETER COLORMETER	...
P(n/3 + 1)	0			$x_{n/3+1}, y_{n/3+1}$	$x_{n/3+1}, y_{n/3+1}$
⋮	⋮	⋮	⋮	⋮	⋮
P(2n/3)	255			$x_{2n/3}, y_{2n/3}$	$x_{2n/3}, y_{2n/3}$
PATCH NUMBER	NUMERICAL VALUES Gin (green)	NUMERICAL VALUES Bin (blue)	NUMERICAL VALUES Rin (red)	COLORMETER COLORMETER	...
P(2n/3 + 1)	0			$x_{2n/3+1}, y_{2n/3+1}$	$x_{2n/3+1}, y_{2n/3+1}$
⋮	⋮	⋮	⋮	⋮	⋮
P(n)	255			x_{3n}, y_{3n}	x_{3n}, y_{3n}

FIG. 6(b)



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FIG. 7(a)

STANDARD DATA (1)	(L^*, a^*, b^*)	STANDARD CALIBRATION DATA REFERENCE NO. (1)
STANDARD DATA (2)	(L^{**}, a^{**}, b^{**})	STANDARD CALIBRATION DATA REFERENCE NO. (2)
STANDARD DATA (3)	$(L^{***}, a^{***}, b^{***})$	STANDARD CALIBRATION DATA REFERENCE NO. (3)
.	.	
.	.	
.	.	

STANDARD DATA (1)
(142)

FIG. 7(b)

PATCH NO.	P1	P2	Pn-1	Pn
PATCH COORDINATES (x, y) FOR COLORIMETER (1)	x1, y1	x2, y2	xn-1, yn-1	xn, yn
L^*	L^*_1	L^*_2	L^*_{n-1}	L^*_n
a^*	a^*_1	a^*_2	a^*_{n-1}	a^*_n
b^*	b^*_1	b^*_2	b^*_{n-1}	b^*_n

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FIG. 7(c)

STANDARD CALIBRATION DATA (1)
STANDARD CALIBRATION DATA (2)
STANDARD CALIBRATION DATA (3)
⋮

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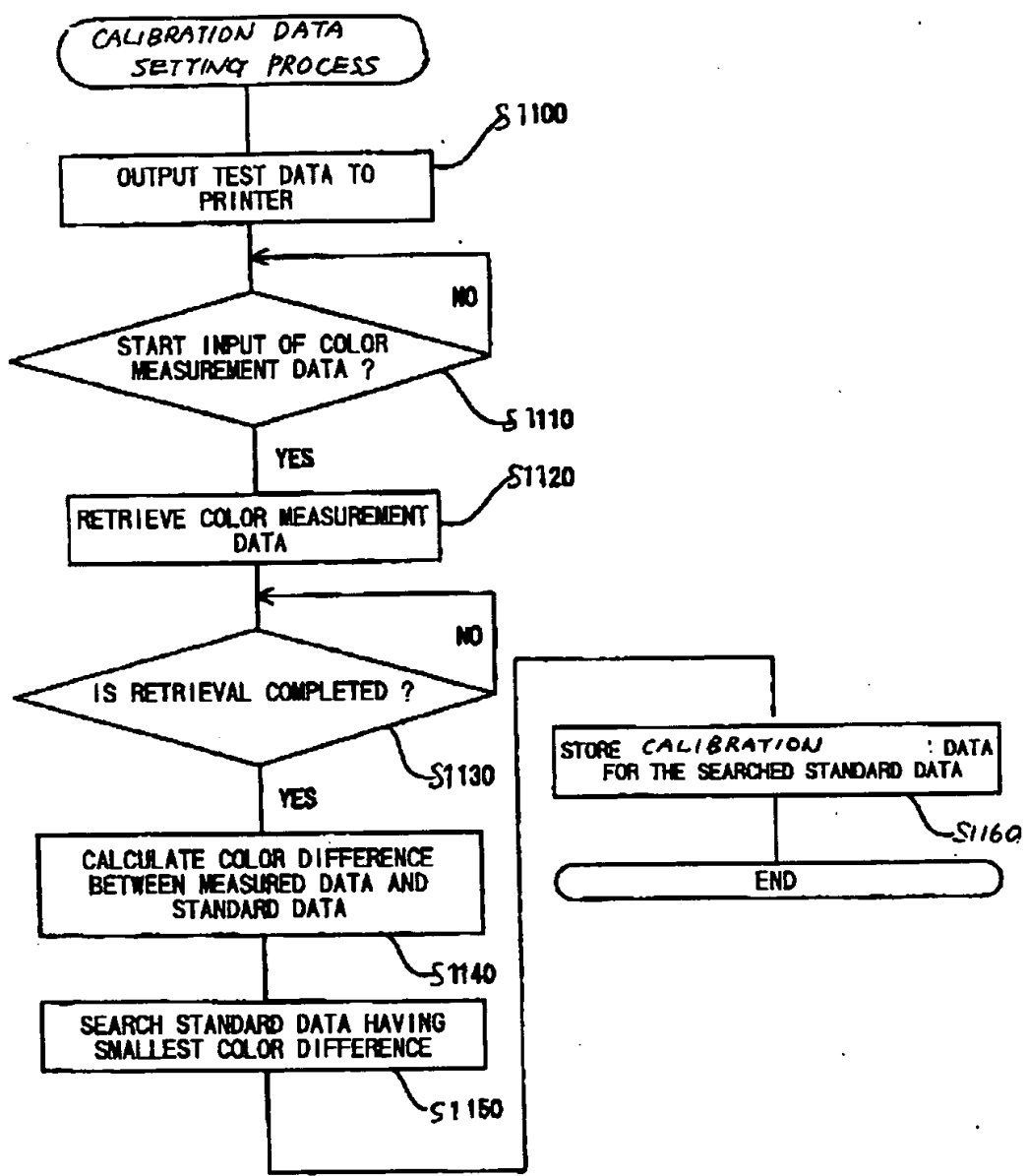
FIG. 7(d)

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CALIBRATION DATA	
ORIGINAL LEVELS $R_{original}$	INPUT LEVELS R_{in}
0	⋮
5	⋮
2 5 5	⋮
CALIBRATION DATA	
ORIGINAL LEVELS $G_{original}$	INPUT LEVELS G_{in}
0	⋮
5	⋮
2 5 5	⋮
CALIBRATION DATA	
ORIGINAL LEVELS $B_{original}$	INPUT LEVELS B_{in}
0	⋮
5	⋮
2 5 5	⋮

004250" 032400 09534028

FIG. 8



00534028-034400

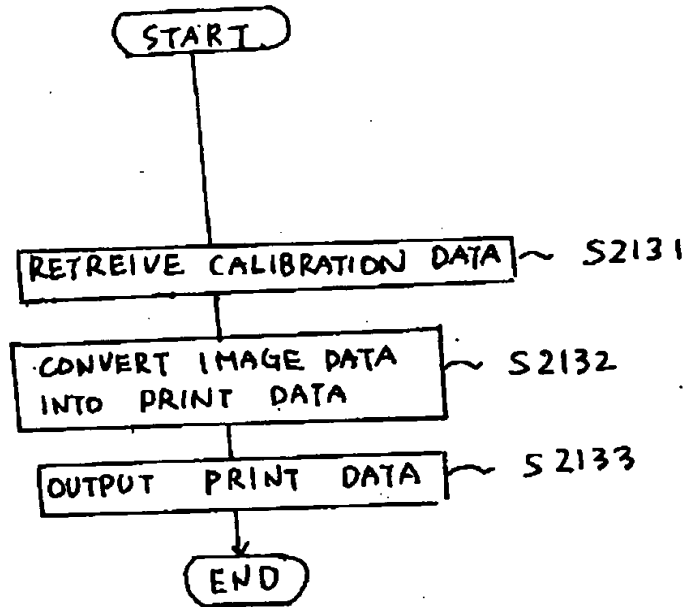
FIG. 9

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↙

PATCH NO.	P1	P2		Pn-1	Pn
MEASURED VALUE L'	L1	L2	. . .	Ln-1	Ln
MEASURED VALUE a'	a1	a2		an-1	an
MEASURED VALUE b'	b1	b2		bn-1	bn

004220" B204560

FIG. 10



00420"0204000

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FIG. 11(a)

STANDARD
DATA (1)
(142)

PATCH NO.	P1	..	P(n/3)	P(n/3 + 1)	..
PATCH COORDINATES (x,y) FOR COLORIMETER (1)	x1, y1	..	xn/3, yn/3	xn/3+1, yn/3+1	..
DENSITY D (D = R, G, B)	R'1	..	R'n/3	G'n/3+1	..

P(2n/3)	P(2n/3 + 1)	..	Pn
x2n/3, y2n/3	x2n/3+1, y2n/3+1	..	xn, yn
G'2n/3	B'2n/3+1	..	B'n

FIG. 11(b)

← 146

PATCH NO.	P1	..	P(n/3)	P(n/3 + 1)	..
MEASURED DENSITY D (D = R, G, B)	R1	..	Rn/3	Gn/3+1	..

P(2n/3)	P(2n/3 + 1)	..	Pn
G2n/3	B2n/3+1	..	Bn

004220" 8204ES60

FIG. 12

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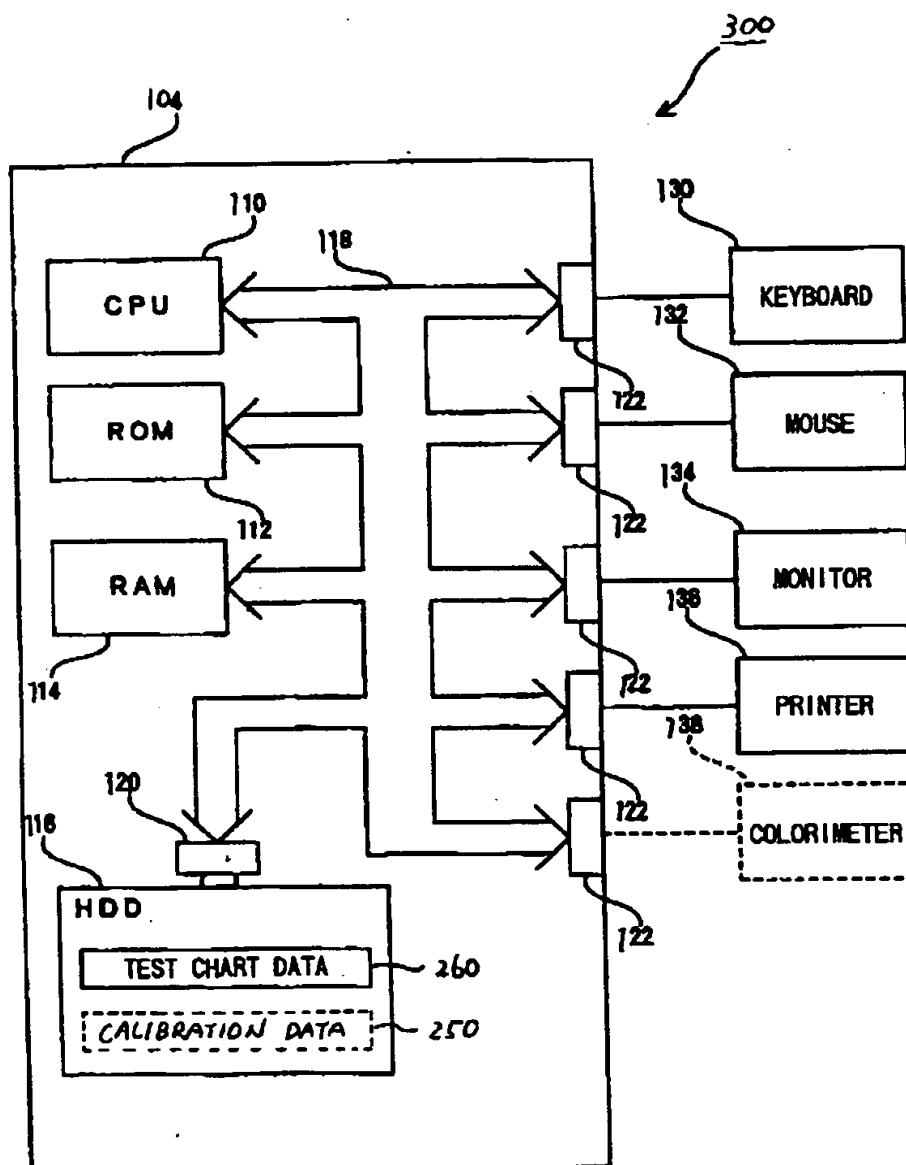
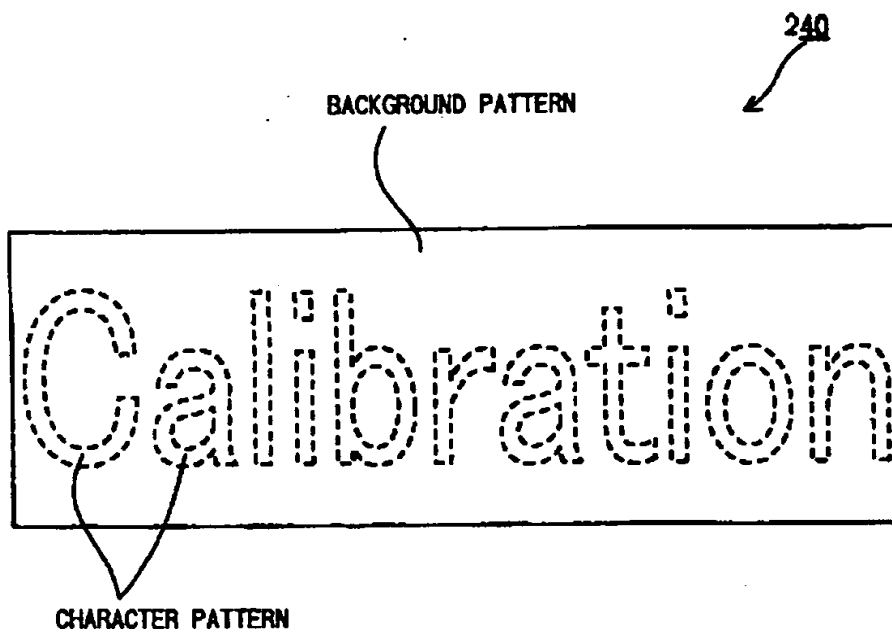


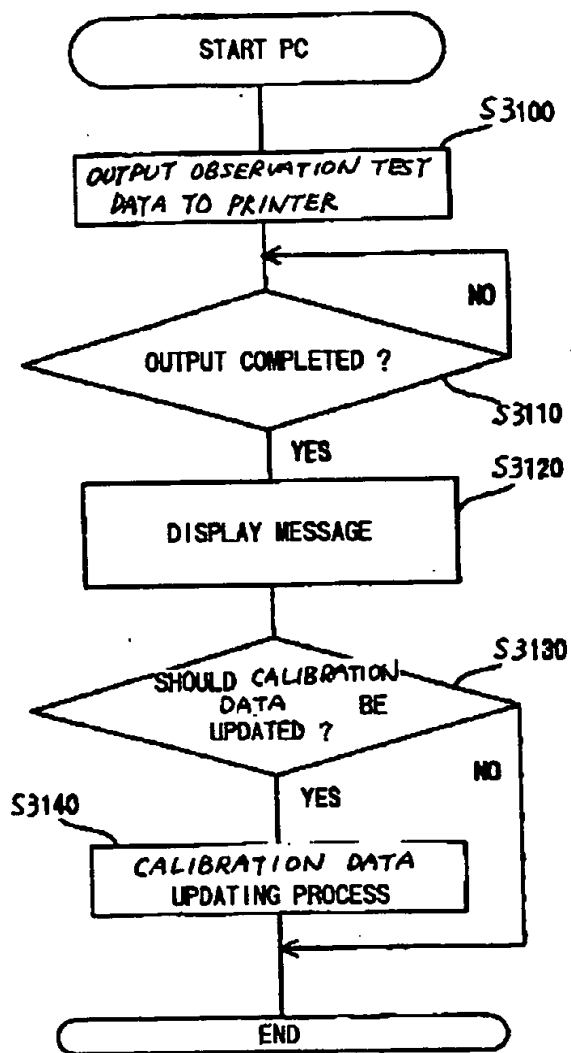
FIG. 13



004220" 8204560

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FIG. 14



0054028.034400